



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 09/787,491A
Source: Patent Office
Date Processed by STIC: 8/26/2002

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



Pur/09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/787,491A

DATE: 08/26/2002
TIME: 14:38:32

Input Set : A:\pf0600usn_seqlist.txt
Output Set: N:\CRF3\08262002\I787491A.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
5 TANG, Y. Tom
6 CORLEY, Neil C.
7 GUEGLER, Karl J.
8 GORGONE, Gina A.
9 PATTERSON, Chandra
10 HILLMAN, Jennifer L.
11 BAUGHN, Mariah R.
12 LAL, Preeti
13 AZIMZAI, Yalda
14 YUE, Henry
15 YANG, Junming
17 <120> TITLE OF INVENTION: RNA-ASSOCIATED PROTEINS
19 <130> FILE REFERENCE: PF-0600 PCT
C--> 21 <140> CURRENT APPLICATION NUMBER: US/09/787,491A
C--> 22 <141> CURRENT FILING DATE: 2002-08-26
24 <150> PRIOR APPLICATION NUMBER: 09/156,039; unassigned; 09/158,720; unassigned;
09/186,815;
W--> 25 unassigned; 60/128,660
W--> 26 <151> PRIOR FILING DATE: 1998-09-17; 1998-09-17; 1998-09-22; 1998-09-22; 1998-11-04;
W--> 27 1998-11-04; 1999-04-08
29 <160> NUMBER OF SEQ ID NOS: 38
31 <170> SOFTWARE: PERL Program
W--> 32 <210> SEQ ID NO: 1
33 <211> LENGTH: 216
34 <212> TYPE: PRT
35 <213> ORGANISM: Homo sapiens
37 <220> FEATURE:
38 <221> NAME/KEY: misc_feature
39 <223> OTHER INFORMATION: Incyte ID No.: 399781CD1
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44 Asn Val Ala Asp Asp Thr Arg Ser Glu Asp Leu Arg Arg Glu Phe
45 20 25 30
46 Gly Arg Tyr Gly Pro Ile Val Asp Val Tyr Val Pro Leu Asp Phe
47 35 40 45
48 Tyr Thr Arg Arg Pro Arg Gly Phe Ala Tyr Val Gln Phe Glu Asp
49 50 55 60
50 Val Arg Asp Ala Glu Asp Ala Leu His Asn Leu Asp Arg Lys Trp
51 65 70 75
52 Ile Cys Gly Arg Gln Ile Glu Ile Gln Phe Ala Gln Gly Asp Arg
53 80 85 90
54 Lys Thr Pro Asn Gln Met Lys Ala Lys Glu Gly Arg Asn Val Tyr

Does Not Comply
Corrected Diskette Needed

pp 1,6-7

Please
group
prior
app. nos.
directly
above
their
filing
dates

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Input Set : A:\pf0600usn_seqlist.txt
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55 95 100 105
 56 Ser Ser Ser Arg Tyr Asp Asp Tyr Asp Arg Tyr Arg Arg Ser Arg
 57 110 115 120
 58 Ser Arg Ser Tyr Glu Arg Arg Arg Ser Arg Ser Arg Ser Phe Asp
 59 125 130 135
 60 Tyr Asn Tyr Arg Arg Ser Tyr Ser Pro Arg Asn Ser Arg Pro Thr
 61 140 145 150
 62 Gly Arg Pro Arg Arg Arg Glu Ala Ile Pro Thr Met Ile Asp Gln
 63 155 160 165
 64 Thr Ala Ala Gly Ile Pro Ser Thr Val Leu Leu Thr Thr Leu Gln
 65 170 175 180
 66 Glu Arg Ser Glu Ser Gly Lys Arg Thr Lys Glu Gly Gln Phe Lys
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 70 Asn Ile Leu Thr Leu Val
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 75 <211> LENGTH: 1584
 76 <212> TYPE: PRT
 77 <213> ORGANISM: Homo sapiens
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 81 <223> OTHER INFORMATION: Incyte ID No.: 1252206CD1
 83 <400> SEQUENCE: 2
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 85 1 5 10 15
 86 Gln Ile Gln Pro Pro Arg Ala Thr Ile Pro Asn Ser Ser Pro Ser
 87 20 25 30
 88 Ile Arg Pro Gly Ala Gln Thr Pro Thr Ala Val Tyr Gln Ala Asn
 89 35 40 45
 90 Gln His Ile Met Met Val Asn His Leu Pro Met Pro Tyr Pro Val
 91 50 55 60
 92 Pro Gln Gly Pro Gln Tyr Cys Ile Pro Gln Tyr Arg His Ser Gly
 93 65 70 75
 94 Pro Pro Tyr Val Gly Pro Pro Gln Lys Tyr Pro Val Gln Pro Pro
 95 80 85 90
 96 Gly Pro Gly Pro Phe Tyr Pro Gly Pro Gly Pro Gly Asp Phe Pro
 97 95 100 105
 98 Asn Ala Tyr Gly Thr Pro Phe Tyr Pro Ser Gln Pro Val Tyr Gln
 99 110 115 120
 100 Ser Ala Pro Ile Ile Val Pro Thr Gln Gln Pro Pro Pro Ala
 101 125 130 135
 102 Lys Arg Glu Lys Lys Thr Ile Arg Ile Arg Asp Pro Asn Gln Gly
 103 140 145 150
 104 Gly Lys Asp Ile Thr Glu Glu Ile Met Ser Gly Gly Gly Ser Arg
 105 155 160 165
 106 Asn Pro Thr Pro Pro Ile Gly Arg Pro Thr Ser Thr Pro Thr Pro
 107 170 175 180

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108 Pro Gln Leu Pro Ser Gln Val Pro Glu His Ser Pro Val Val Tyr
109 185 190 195
110 Gly Thr Val Glu Ser Ala His Leu Ala Ala Ser Thr Pro Val Thr
111 200 205 210
112 Ala Ala Ser Asp Gln Lys Gln Glu Glu Lys Pro Lys Pro Asp Pro
113 215 220 225
114 Val Leu Lys Ser Pro Ser Pro Val Leu Arg Leu Val Leu Ser Gly
115 230 235 240
116 Glu Lys Lys Glu Gln Glu Gly Gln Thr Ser Glu Thr Thr Ala Ile
117 245 250 255
118 Val Ser Ile Ala Glu Leu Pro Leu Pro Pro Ser Pro Thr Thr Val
119 260 265 270
120 Ser Ser Val Ala Arg Ser Thr Ile Ala Ala Pro Thr Ser Ser Ala
121 275 280 285
122 Leu Ser Ser Gln Pro Ile Phe Thr Thr Ala Ile Asp Asp Arg Cys
123 290 295 300
124 Glu Leu Ser Ser Pro Arg Glu Asp Thr Ile Pro Ile Pro Ser Leu
125 305 310 315
126 Thr Ser Cys Thr Glu Thr Ser Asp Pro Leu Pro Thr Asn Glu Asn
127 320 325 330
128 Asp Asp Asp Ile Cys Lys Lys Pro Cys Ser Val Ala Pro Asn Asp
129 335 340 345
130 Ile Pro Leu Val Ser Ser Thr Asn Leu Ile Asn Glu Ile Asn Gly
131 350 355 360
132 Val Ser Glu Lys Leu Ser Ala Thr Glu Ser Ile Val Glu Ile Val
133 365 370 375
134 Lys Gln Glu Val Leu Pro Leu Thr Leu Glu Leu Glu Ile Leu Glu
135 380 385 390
136 Asn Pro Pro Glu Glu Met Lys Leu Glu Cys Ile Pro Ala Pro Ile
137 395 400 405
138 Thr Pro Ser Thr Val Pro Ser Phe Pro Pro Thr Pro Pro Thr Pro
139 410 415 420
140 Pro Ala Ser Pro Pro His Thr Pro Val Ile Val Pro Ala Ala Ala
141 425 430 435
142 Thr Thr Val Ser Ser Pro Ser Ala Ala Ile Thr Val Gln Arg Val
143 440 445 450
144 Leu Glu Glu Asp Glu Ser Ile Arg Thr Cys Leu Ser Glu Asp Ala
145 455 460 465
146 Lys Glu Ile Gln Asn Lys Ile Glu Val Glu Ala Asp Gly Gln Thr
147 470 475 480
148 Glu Glu Ile Leu Asp Ser Gln Asn Leu Asn Ser Arg Arg Ser Pro
149 485 490 495
150 Val Pro Ala Gln Ile Ala Ile Thr Val Pro Lys Thr Trp Lys Lys
151 500 505 510
152 Pro Lys Asp Arg Thr Arg Thr Thr Glu Glu Met Leu Glu Ala Glu
153 515 520 525
154 Leu Glu Leu Lys Ala Glu Glu Glu Leu Ser Ile Asp Lys Val Leu
155 530 535 540
156 Glu Ser Glu Gln Asp Lys Met Ser Gln Gly Phe His Pro Glu Arg

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157	545	550	555
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159		560	565
160	Glu Glu Ala Glu	Pro Val Arg Asn Gly	Ala Glu Ser Val Ser Glu
161		575	580
162	Gly Glu Gly Ile	Asp Ala Asn Ser Gly	Ser Thr Asp Ser Ser Gly
163		590	595
164	Asp Gly Val Thr	Phe Pro Phe Lys Pro	Glu Ser Trp Lys Pro Thr
165		605	610
166	Asp Thr Glu Gly	Lys Lys Gln Tyr Asp	Arg Glu Phe Leu Leu Asp
167		620	625
168	Phe Gln Phe Met	Pro Ala Cys Ile Gln	Lys Pro Glu Gly Leu Pro
169		635	640
170	Pro Ile Ser Asp	Val Val Leu Asp Lys	Ile Asn Gln Pro Lys Leu
171		650	655
172	Pro Met Arg Thr	Leu Asp Pro Arg Ile	Leu Pro Arg Gly Pro Asp
173		665	670
174	Phe Thr Pro Ala	Phe Ala Asp Phe Gly	Arg Gln Thr Pro Gly Gly
175		680	685
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177		695	700
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179		710	715
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181		725	730
182	Gln Lys Arg Asp	Ser Gln Ala Asp Asp	Pro Glu Asn Ile Lys Thr
183		740	745
184	Gln Glu Leu Phe	Arg Lys Val Arg Ser	Ile Leu Asn Lys Leu Thr
185		755	760
186	Pro Gln Met Phe	Asn Gln Leu Met Lys	Gln Val Ser Gly Leu Thr
187		770	775
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189		785	790
190	Glu Lys Ala Ile	Asp Glu Pro Ser Phe	Ser Val Ala Tyr Ala Asn
191		800	805
192	Met Cys Arg Cys	Leu Val Thr Leu Lys	Val Pro Met Ala Asp Lys
193		815	820
194	Pro Gly Asn Thr	Val Asn Phe Arg Lys	Leu Leu Leu Asn Arg Cys
195		830	835
196	Gln Lys Glu Phe	Glu Lys Asp Lys Ala	Asp Asp Asp Val Phe Glu
197		845	850
198	Lys Lys Gln Lys	Glu Leu Glu Ala Ala	Ser Ala Pro Glu Glu Arg
199		860	865
200	Thr Arg Leu His	Asp Glu Leu Glu Glu	Ala Lys Asp Lys Ala Arg
201		875	880
202	Arg Arg Ser Ile	Gly Asn Ile Lys Phe	Ile Gly Glu Leu Phe Lys
203		890	895
204	Leu Lys Met Leu	Thr Glu Ala Ile Met	His Asp Cys Val Val Lys
205		905	910

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206 Leu Leu Lys Asn His Asp Glu Glu Ser Leu Glu Cys Leu Cys Arg
 207 920 925 930
 208 Leu Leu Thr Thr Ile Gly Lys Asp Leu Asp Phe Glu Lys Ala Lys
 209 935 940 945
 210 Pro Arg Met Asp Gln Tyr Phe Asn Gln Met Glu Lys Ile Val Lys
 211 950 955 960
 212 Glu Lys Lys Thr Ser Ser Arg Ile Arg Phe Met Leu Gln Asp Val
 213 965 970 975
 214 Ile Asp Leu Arg Leu Cys Asn Trp Val Ser Arg Arg Ala Asp Gln
 215 980 985 990
 216 Gly Pro Lys Thr Ile Glu Gln Ile His Lys Glu Ala Lys Ile Glu
 217 995 1000 1005
 218 Glu Gln Glu Glu Gln Arg Lys Val Gln Gln Leu Met Thr Lys Glu
 219 1010 1015 1020
 220 Lys Arg Arg Pro Gly Val Gln Arg Val Asp Glu Gly Gly Trp Asn
 221 1025 1030 1035
 222 Thr Val Gln Gly Ala Lys Asn Ser Arg Val Leu Asp Pro Ser Lys
 223 1040 1045 1050
 224 Phe Leu Lys Ile Thr Lys Pro Thr Ile Asp Glu Lys Ile Gln Leu
 225 1055 1060 1065
 226 Val Pro Lys Ala Gln Leu Gly Ser Trp Gly Lys Gly Ser Ser Gly
 227 1070 1075 1080
 228 Gly Ala Lys Ala Ser Glu Thr Asp Ala Leu Arg Ser Ser Ala Ser
 229 1085 1090 1095
 230 Ser Leu Asn Arg Phe Ser Ala Leu Gln Pro Pro Ala Pro Ser Gly
 231 1100 1105 1110
 232 Ser Thr Pro Ser Thr Pro Val Glu Phe Asp Ser Arg Arg Thr Leu
 233 1115 1120 1125
 234 Thr Ser Arg Gly Ser Met Gly Arg Glu Lys Asn Asp Lys Pro Leu
 235 1130 1135 1140
 236 Pro Ser Ala Thr Ala Arg Pro Asn Thr Phe Met Arg Gly Ser
 237 1145 1150 1155
 238 Ser Lys Asp Leu Leu Asp Asn Gln Ser Gln Glu Glu Gln Arg Arg
 239 1160 1165 1170
 240 Glu Met Leu Glu Thr Val Lys Gln Leu Thr Gly Gly Val Asp Val
 241 1175 1180 1185
 242 Glu Arg Asn Ser Thr Glu Ala Glu Arg Asn Lys Thr Arg Glu Ser
 243 1190 1195 1200
 244 Ala Lys Pro Glu Ile Ser Ala Met Ser Ala His Asp Lys Ala Ala
 245 1205 1210 1215
 246 Leu Ser Glu Glu Leu Glu Arg Lys Ser Lys Ser Ile Ile Asp
 247 1220 1225 1230
 248 Glu Phe Leu His Ile Asn Asp Phe Lys Glu Ala Met Gln Cys Val
 249 1235 1240 1245
 250 Glu Glu Leu Asn Ala Gln Gly Leu Leu His Val Phe Val Arg Val
 251 1250 1255 1260
 252 Gly Val Glu Ser Thr Leu Glu Arg Ser Gln Ile Thr Arg Asp His
 253 1265 1270 1275
 254 Met Gly Gln Leu Leu Tyr Gln Leu Val Gln Ser Glu Lys Leu Ser

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/26/2002
PATENT APPLICATION: US/09/787,491A TIME: 14:38:33

Input Set : A:\pf0600usn_seqlist.txt
Output Set: N:\CRF3\08262002\I787491A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 1437

09/18/491A 2

<210> 35
<211> 183
<212> PRT
<213> Homo sapiens

<300>
<308> Incyte ID No.: g2961149
<309> ← this and its response are mandatory whenever <308> has a
<400> 35 response

same error in Segs 36-38

VERIFICATION SUMMARY**PATENT APPLICATION: US/09/787,491A****DATE: 08/26/2002****TIME: 14:38:33****Input Set : A:\pf0600usn_seqlist.txt****Output Set: N:\CRF3\08262002\I787491A.raw**

L:21 M:270 C: Current Application Number differs, Replaced Current Application Number
L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:25 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER:
L:26 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:27 M:259 W: Allowed number of lines exceeded, <151> PRIOR FILING DATE:
L:32 M:283 W: Missing Blank Line separator, <210> field identifier
L:1649 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26
L:1681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:1380
L:2046 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:35
L:2082 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:36
L:2284 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:37
L:2341 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:38